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Patent  
Docket No.: 276440-6  
**RECEIVED**  
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TECHNOLOGY CENTER 2800

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of: Eldridge et al.

Application No.: 09/880,658

Filing Date: June 13, 2001

For: Electronic Components With Plurality Of  
Contoured Microelectronic Spring Contacts

Examiner: E. Pert

Group Art Unit: 2829

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))  
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage  
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits  
-- OR --
- ☐ (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:
- ☐ a statement as specified in §1.97(e) is provided below; **or**
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:
- A. a statement as specified in §1.97(e) is provided below; **and**
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ *Fee Authorization.* Although Applicants believe that no fee is due in connection with the filing of this IDS, the Director is authorized to charge any fees due, or credit any overpayment associated, with this IDS to Deposit Account No. 50-0285 (order no. P111-US).

Respectfully submitted,

Date: April 4, 2003

By: 

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Modified Form PTO/SB/08A

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/880,658
				Filing Date	June 13, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	2829
Examiner Name	E. Pert				
Sheet	1	of	1	Attorney Docket No.	276440-6

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
	1	H842		Ochs	11/6/1990	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
	2	EP	899538		IMEC vzw	3/3/1999		
	3	JP	58-191453		Kazuo	11/8/1983		x
	4	JP	05-18741		Kawase et al.	1/26/1993		x
	5	JP	05-198716		Osawa	8/6/1993		x
	6	JP	06-267408		Todokoro et al.	9/22/1994		x
	7	JP	07-21968		Watanabe et al.	1/24/1995		x
	8	JP	07-333232		Canon Inc.	12/22/1995		x
	9	JP	08-306708		Harada	11/22/1996		x
	10	WO	96/16440		Khandros et al.	5/30/1996		
	11	WO	97/44676		FormFactor, Inc.	11/27/1997		
	12	WO	98/52224		FormFactor, Inc.	11/19/1998		
	13	WO	99/38229		Kinetrix, Inc.	7/29/1999		
	14	WO	00/33089		FormFactor, Inc.	6/8/2000		
	15	WO	00/33096		Eldridge et al.	6/8/2000		
	16	WO	01/9952		Eldridge et al.	2/8/2001		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.